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 NEWS 3 Jun 03 New e-mail delivery for search results now available
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 NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
 now available on STN
 NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
 NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
 NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
 NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
 NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
 NEWS 11 Oct 24 BEILSTEIN adds new search fields
 NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
 NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
 NEWS 14 Nov 25 More calculated properties added to REGISTRY
 NEWS 15 Dec 04 CSA files on STN
 NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
 NEWS 17 Dec 17 TOXCENTER enhanced with additional content
 NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
 NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
 ENERGY, INSPEC
 NEWS 20 Feb 13 CANCERLIT is no longer being updated
 NEWS 21 Feb 24 METADEX enhancements
 NEWS 22 Feb 24 PCTGEN now available on STN
 NEWS 23 Feb 24 TEMA now available on STN
 NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
 NEWS 25 Feb 26 PCTFULL now contains images
 NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
 NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003
 NEWS 28 Mar 20 EVENTLINE will be removed from STN
 NEWS 29 Mar 24 PATDPAFULL now available on STN
 NEWS 30 Mar 24 Additional information for trade-named substances without
 structures available in REGISTRY
 NEWS 31 Apr 11 Display formats in DGENE enhanced
 NEWS 32 Apr 14 MEDLINE Reload
 NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced
 NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
 NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in
 WPIDS/WPINDEX/WPIX
 NEWS 36 Apr 28 RDISCLOSURE now available on STN

 NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0b(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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FILE 'BIOSIS' ENTERED AT 15:50:08 ON 30 APR 2003
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=> S pepducin AND PALMITATE
L1 2 PEPDUCIN AND PALMITATE

=> D 1

L1 ANSWER 1 OF 2 MEDLINE
AN 2002495774 MEDLINE
DN 22244598 PubMed ID: 12357249
TI **Pepducin-based intervention of thrombin-receptor signaling and systemic platelet activation.**
CM Comment in: Nat Med. 2002 Oct;8(10):1082-3
AU Covic Lidija; Misra Meghna; Badar Jehangir; Singh Christopher; Kuliopoulos Athan
CS Molecular Cardiology Research Institute, Division of Hematology/Oncology, New England Medical Center and Department of Medicine, Tufts University School of Medicine, Boston, Massachusetts, USA.
NC R01HL57905 (NHLBI)
R01HL64701 (NHLBI)
SO NATURE MEDICINE, (2002 Oct) 8 (10) 1161-5.
Journal code: 9502015. ISSN: 1078-8956.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200211
ED Entered STN: 20021002
Last Updated on STN: 20021213
Entered Medline: 20021122

=> D 2

L1 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:542022 BIOSIS
DN PREV200200542022
TI **Pepducin-based intervention of thrombin-receptor signaling and systemic platelet activation.**
AU Covic, Lidija; Misra, Meghna; Badar, Jehangir; Singh, Christopher; Kuliopoulos, Athan (1)
CS (1) Division of Hematology/Oncology, Departments of Medicine and Biochemistry, Molecular Cardiology Research Institute, New England Medical Center, Tufts University School of Medicine, Boston, MA:
athan.kuliopoulos@tufts.edu USA
SO Nature Medicine, (October, 2002) Vol. 8, No. 10, pp. 1161-1165.
http://www.nature.com/nm/. print.
ISSN: 1078-8956.
DT Article
LA English

=> FIL STNGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
3.93	4.14

FILE 'STNGUIDE' ENTERED AT 15:51:23 ON 30 APR 2003
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 25, 2003 (20030425/UP).

=> S PPAR1
L2 0 PPAR1

=> FILE .RECEPTOR
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.78	4.92

FILE 'MEDLINE' ENTERED AT 15:59:04 ON 30 APR 2003

FILE 'LIFESCI' ENTERED AT 15:59:04 ON 30 APR 2003
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=> S PAR1 AND RECEPTOR
L3 330 PAR1 AND RECEPTOR

=> DUP REM L3
PROCESSING COMPLETED FOR L3
L4 191 DUP REM L3 (139 DUPLICATES REMOVED)

=> S L4 AND PALMITATE
L5 1 L4 AND PALMITATE

=> D 1

L5 ANSWER 1 OF 1 MEDLINE
AN 2002495774 MEDLINE
DN 22244598 PubMed ID: 12357249
TI **Pepducin-based intervention of thrombin-receptor signaling and**

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CM Comment in: Nat Med. 2002 Oct;8(10):1082-3
AU Covic Lidija; Misra Meghna; Badar Jehangir; Singh Christopher; Kuliopoulos Athan
CS Molecular Cardiology Research Institute, Division of Hematology/Oncology, New England Medical Center and Department of Medicine, Tufts University School of Medicine, Boston, Massachusetts, USA.
NC R01HL57905 (NHLBI)
R01HL64701 (NHLBI)
SO NATURE MEDICINE, (2002 Oct) 8 (10) 1161-5.
Journal code: 9502015. ISSN: 1078-8956.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200211
ED Entered STN: 20021002
Last Updated on STN: 20021213
Entered Medline: 20021122

=> S GPCR AND ATTACHED AND DOMAIN AND HYDROPHOBIC
L6 0 GPCR AND ATTACHED AND DOMAIN AND HYDROPHOBIC

=> S GPCR DOMAIN AND HYDROPHOBIC
L7 0 GPCR DOMAIN AND HYDROPHOBIC

=> S GPCR AND HYDROPHOBIC
L8 37 GPCR AND HYDROPHOBIC

=> S GPCR AND ATTACHED AND DOMAIN
L9 0 GPCR AND ATTACHED AND DOMAIN

=> S GPCR AND DOMAIN AND HYDROPHOBIC
L10 10 GPCR AND DOMAIN AND HYDROPHOBIC

=> DUP REM L10
PROCESSING COMPLETED FOR L10
L11 6 DUP REM L10 (4 DUPLICATES REMOVED)

=> D 1

L11 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:492419 BIOSIS
DN PREV200100492419
TI Discovery and functional analysis of novel orphan GPCRs.
AU Burstein, E. S. (1); Ma, J. (1); Currier, E. A. (1); Pace, M. (1); Pham, E. (1); Essex, A. (1); Brann, M. R. (1); Nash, N. (1)
CS (1) ACADIA Pharmaceut, San Diego, CA USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 687. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience San Diego, California, USA November 10-15, 2001
ISSN: 0190-5295.
DT Conference
LA English
SL English

=> D 2

L11 ANSWER 2 OF 6 MEDLINE DUPLICATE 1
AN 2001023898 MEDLINE
DN 20465007 PubMed ID: 11008065
TI Oligomerization of dopamine and serotonin receptors.

AU Lee S P; Xie Z; Varghese G; Nguyen T; O'Dowd B F; George S R
CS Department of Pharmacology, University of Toronto, Toronto, Ontario,
Canada.
SO NEUROPSYCHOPHARMACOLOGY, (2000 Oct) 23 (4 Suppl) S32-40. Ref: 43
Journal code: 8904907. ISSN: 0893-133X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200011
ED Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20001113

=> D 3

L11 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:108964 BIOSIS
DN PREV200100108964
TI Characterization of GABA binding site in GABA-B₁ receptor shed some light
on the activation mechanism of the GABA-B receptor.
AU Galvez, T. (1); Franek, M.; Bertrand, H.; Prezeau, L.; Blahos, J.;
Froestl, W.; Bettler, B.; Pin, J.
CS (1) CNRS, Montpellier France
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract
No.-622.16. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience New
Orleans, LA, USA November 04-09, 2000 Society for Neuroscience
. ISSN: 0190-5295.
DT Conference
LA English
SL English

=> D 4

L11 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1998:388627 BIOSIS
DN PREV199800388627
TI BUNDLE: A program for building the transmembrane domains of
G-protein-coupled receptors.
AU Filizola, Marta; Perez, Juan J. (1); Carteni-Farina, Maria
CS (1) Dep. Eng. Quim., UPC, ETS Eng. Ind., Ave. Diagonal 647, E-08028
Barcelona Spain
SO Journal of Computer-Aided Molecular Design, (March, 1998) Vol. 12, No. 2,
pp. 111-118.
ISSN: 0920-654X.
DT Article
LA English

=> D 5

L11 ANSWER 5 OF 6 MEDLINE
AN 96161966 MEDLINE
DN 96161966 PubMed ID: 8576196
TI Arrangement of transmembrane domains in adrenergic receptors. Similarity
to bacteriorhodopsin.
AU Mizobe T; Maze M; Lam V; Suryanarayana S; Kobilka B K
CS Department of Anesthesia, Stanford University, California 94305, USA.
NC RO 1 NS28471 (NINDS)

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1996 Feb 2) 271 (5) 2387-9.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199603
ED Entered STN: 19960321
Last Updated on STN: 19960321
Entered Medline: 19960312

=> D 6

L11 ANSWER 6 OF 6 MEDLINE DUPLICATE 3
AN 94042971 MEDLINE
DN 94042971 PubMed ID: 8226735
TI Hydrophobic amino acid in the i2 loop plays a key role in
receptor-G protein coupling.
AU Moro O; Lameh J; Hogger P; Sadee W
CS Department of Pharmacy, University of California, San Francisco
94143-0446.
NC GM43102 (NIGMS)
MH00996 (NIMH)
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1993 Oct 25) 268 (30) 22273-6.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199312
ED Entered STN: 19940117
Last Updated on STN: 20000303
Entered Medline: 19931201

=> D 7

6 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
The answer numbers requested are not in the answer set.
ENTER ANSWER NUMBER OR RANGE (1):1

L11 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:492419 BIOSIS
DN PREV200100492419
TI Discovery and functional analysis of novel orphan GPCRs.
AU Burstein, E. S. (1); Ma, J. (1); Currier, E. A. (1); Pace, M. (1); Pham,
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ISSN: 0190-5295.
DT Conference
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SL English

=> S GPCR AND CHIMER* AND HYDROPHOBIC

L12 0 GPCR AND CHIMER* AND HYDROPHOBIC

=> S GPCR AND ATTACHED AND DOMAIN

L13 0 GPCR AND ATTACHED AND DOMAIN

=> S GPCR AND SECOND DOMAIN

L14 0 GPCR AND SECOND DOMAIN

=> FILE .RECEPTOR
 COST IN U.S. DOLLARS
 ' FULL ESTIMATED COST
 SINCE FILE ENTRY TOTAL
 SESSION
 14.78 19.70

FILE 'MEDLINE' ENTERED AT 16:05:45 ON 30 APR 2003

FILE 'LIFESCI' ENTERED AT 16:05:45 ON 30 APR 2003
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=> S GPCR AND SECOND DOMAIN
L15 0 GPCR AND SECOND DOMAIN

=> S GPCR
L16 1925 GPCR

=> S THROMBIN RECEPTOR AND PALMITATE
L17 2 THROMBIN RECEPTOR AND PALMITATE

=> D 1

L17 ANSWER 1 OF 2 MEDLINE
AN 2002495774 MEDLINE
DN 22244598 PubMed ID: 12357249
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CM Comment in: Nat Med. 2002 Oct;8(10):1082-3
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Athan
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NC R01HL57905 (NHLBI)
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LA English
FS Priority Journals
EM 200211
ED Entered STN: 20021002
Last Updated on STN: 20021213
Entered Medline: 20021122

=> D 2

L17 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:542022 BIOSIS
DN PREV200200542022
TI Pepducin-based intervention of **thrombin-receptor**
signaling and systemic platelet activation.
AU Covic, Lidija; Misra, Meghna; Badar, Jehangir; Singh, Christopher;
Kuliopoulos, Athan (1)
CS (1) Division of Hematology/Oncology, Departments of Medicine and
Biochemistry, Molecular Cardiology Research Institute, New England Medical
Center, Tufts University School of Medicine, Boston, MA:

athan.kuliopoulos@tufts.edu USA
SO Nature Medicine, (October, 2002) Vol. 8, No. 10, pp. 1161-1165.
http://www.nature.com/nm/. print.
ISSN: 1078-8956.
DT Article
LA English

=> FILE .RECEPTOR
COST IN U.S. DOLLARS
SINCE FILE ENTRY TOTAL
SESSION
FULL ESTIMATED COST 3.93 23.63

FILE 'MEDLINE' ENTERED AT 16:06:46 ON 30 APR 2003

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FILE 'BIOSIS' ENTERED AT 16:06:46 ON 30 APR 2003
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=> S G PROTEIN COUPLED AND (CHIMERA OR CHIMERIC)
L18 597 G PROTEIN COUPLED AND (CHIMERA OR CHIMERIC)

=> DUP REM L18
PROCESSING COMPLETED FOR L18
L19 338 DUP REM L18 (259 DUPLICATES REMOVED)

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=> DUP REM L18
PROCESSING COMPLETED FOR L18
L19          338 DUP REM L18 (259 DUPLICATES REMOVED)
```

=> S, I, 19 AND HYDROPHOBIC (MOIETY OR RESIDUE)

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> S L19 AND HYDROPHOBIC AND (MOIETY OR RESIDUE)
L20 O L19 AND HYDROPHOBIC AND (MOIETY OR RESIDUE)

=> S L19 AND HYDROPHOBIC AND MOIETY
L21 O L19 AND HYDROPHOBIC AND MOIETY

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 16:10:51 ON 30 APR 2003